

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1

2

2. AMENDMENT/MODIFICATION NO.

007

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

PR-SRRPOD-13-00335

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

SRRPOD

7. ADMINISTERED BY (If other than Item 6)

CODE

SRRPOD

US Environmental Protection Agency
Superfund/RCRA Regional Procurement
Operations1200 Pennsylvania Ave, NW
Washington DC 20460

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x

10A. MODIFICATION OF CONTRACT/ORDER NO.

EP-W-07-083

0028

10B. DATED (SEE ITEM 13)

09/26/2011

CODE (b)(4)

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Increase:

\$5,054.18

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
LIMITATIONS OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS (APR 2012)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ 0 _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)

Region 2 ESAT TO 28 PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP) Field
Support Services

TOPO: Mark Winter Max Expire Date: 09/25/2014

The purpose of this Modification is to re-obligate funds in the amount of \$5,054.18 from Task Order (TO) #40 under the same contract. The funding on this TO has therefore increased from \$49,463.65 to \$54,517.83.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Ross Miller

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

CONTINUATION SHEET

REFERENCE ☒ DOCUMENT BEING CONTINUED
EP-W-07-083/0028/007

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NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action Total Amount for this Modification: \$5,054.18 New Total Amount for this Version: \$54,517.83 New Total Amount for this Award: \$54,517.83 Obligated Amount for this Modification: \$5,054.18 New Total Obligated Amount for this Award: \$54,517.83 Incremental Funded Amount changed: from \$49,463.65 to \$54,517.83</p> <p>CHANGES FOR LINE ITEM NUMBER: 21 Total Amount changed from \$49,463.65 to \$54,517.83 Obligated Amount for this modification: \$5,054.18 Incremental Funded Amount changed from \$49,463.65 to \$54,517.83</p> <p>CHANGES FOR ACCOUNTING CODE: 11-E1-53GS-101A04EPM-4183---1153PM1069-001 Amount changed from \$29,563.65 to \$34,617.83</p> <p>Period of Performance: 09/26/2012 to 09/25/2013 The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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1 2

2. AMENDMENT/MODIFICATION NO.

006

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

PR-SRRPOD-13-00307

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

SRRPOD

7. ADMINISTERED BY (If other than Item 6)

CODE

SRRPOD

US Environmental Protection Agency
Superfund/RCRA Regional Procurement
Operations1200 Pennsylvania Ave, NW
Washington DC 20460

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

ALION SCIENCE AND TECHNOLOGY CORPORATION

ATTN (b)(4)

1000 BURR RIDGE PKWY

(b)(4)

BURR RIDGE IL 605270849

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x

10A. MODIFICATION OF CONTRACT/ORDER NO.

EP-W-07-083

0028

10B. DATED (SEE ITEM 13)

09/26/2011

CODE (b)(4)

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net Decrease:

-\$7,731.18

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
LIMITATIONS OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS (APR 2012)

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)

Region 2 ESAT TO 28 PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP) Field
Support Services

TOPO: Mark Winter Max Expire Date: 09/25/2014

The purpose of this Modification is to deobligate funds in the amount of \$7,731.18. This funding will be re-obligated onto Task Order (TO) #40 under the same Contract. The funding on this TO has therefore decreased from \$57,194.83 to \$49,463.65.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Ross Miller

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

5/30/13

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT CONTINUED
EP-W-07-083/0028/006PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Total Amount for this Modification: -\$7,731.18</p> <p>New Total Amount for this Award: \$49,463.65</p> <p>Total Amount changed from \$57,194.83 to \$49,463.65</p> <p>Obligated Amount for this modification: -\$7,731.18</p> <p>CHANGES FOR ACCOUNTING CODE:</p> <p>11--E1-53GS-101A04EPM-4183---1153PM1069-001</p> <p>Amount changed from \$37,294.83 to \$29,563.65</p> <p>Period of Performance: 09/26/2012 to 09/25/2013</p> <p>The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) SRRPOD	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
CODE (b)(4)		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0028	
				10B. DATED (SEE ITEM 13) 09/26/2011	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: OPTION TO EXTEND SERVICES (52.217-8) (NOV 1999)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)
Region 2 ESAT TO 28 PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP) Field Support Services
TOPO: Mark Winter Max Expire Date: 09/25/2014

The purpose of this modification is to extend services under the task order period of performance to October 10, 2012. Effective September 26, 2012, Alion Science & Technology Corporation is permitted to begin utilizing the approved rates for Award Term III. All other terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF OFFEROR (Type or print) (b)(4) Principal Contracts Administrator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Nnenna Njoku	
15B. CONTRACT OFFEROR (b)(4) (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	
15C. DATE SIGNED 9/26/12		16C. DATE SIGNED 9/26/2012	

CONTINUATION SHEET

REFERENCE NO. 0 ■■■■■ JMENT BEING CONTINUED
EP-W-07-083/0028/005

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Period of Performance: 09/26/2011 to 10/10/2012</p> <p>The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-SRRPOD-12-00369	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) SRRPOD	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
CODE (b)(4)		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0028 10B. DATED (SEE ITEM 13) 09/26/2011	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: \$13,980.08

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)
Region 2 ESAT TO 28 PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP) Field Support Services
TOPO: Mark Winter Max Expire Date: 09/25/2014

The purpose of this modification is to obligate funding in the amount of \$13,980.08 to this task order. These funds have been transferred from Task Order 21 for the continuation of work in the current period of performance. All other terms and conditions remain the same.

LIST OF CHANGES:

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Nnenna Njoku	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 8/16/2012

CONTINUATION SHEET

REFERENCE NO. OF ☐MENT BEING CONTINUED
EP-W-07-083/0028/004PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this modification: \$13,980.08 New Total Obligated Amount for this Award: \$57,194.83 Incremental Funded Amount changed: from \$43,214.75 to \$57,194.83</p> <p>CHANGES FOR ACCOUNTING CODE: 11-E1-53GS-101A04EPM-4183-1153PM1069-001 Amount changed from \$23,314.75 to \$37,294.83 Period of Performance: 09/26/2011 to 09/25/2012</p> <p>The contractor shall not exceed the Task Order ceiling without prior written authorization from the contracting officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION F CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO. 003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OAR-12-00686	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) SRRPOD	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN: (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
CODE (b)(4)		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0028 10B. DATED (SEE ITEM 13) 09/26/2011	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: \$10,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)
Region 2 ESAT TO 28 PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP) Field Support Services
TOPO: Mark Winter Max Expire Date: 09/25/2014

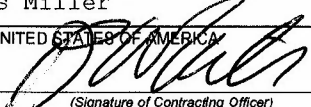
The purpose of this modification is to obligate funds in the amount of \$10,000.00 to the Task Order. All other terms and conditions remain the same.

LIST OF CHANGES:

Reason for Modification : Funding Only Action

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ross Miller	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 3/23/12

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-07-083/0028/003

PAGE 2 OF 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Obligated Amount for this Modification: \$10,000.00 New Total Obligated Amount for this Award: \$43,214.75 Incremental Funded Amount changed: from \$33,214.75 to \$43,214.75 NEW ACCOUNTING CODE ADDED: Account code: 11-E1-53GS-102A04-4183-1253PM2061-001 Beginning Fiscal Year 11 Fund (Appropriation) E1 Budget Organization 53GS Amount: \$10,000.00 Period of Performance: 09/26/2011 to 09/25/2012				

AMENDMENT OF SOLICITATION/MODIFICATION CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 1	
2. AMENDMENT/MODIFICATION NO. 002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) SRRPOD	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
CODE (b)(4)		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0028 10B. DATED (SEE ITEM 13) 09/26/2011	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)

Region 2 ESAT TO 28 PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP) Field Support Services

TOPO: Mark Winter Max Expire Date: 09/25/2014


The purpose of this modification is to change the Task Order COR from Dennis Crumpler to Mark Winter for this Task Order. All other terms and conditions remain the same.

LIST OF CHANGES:

TOPO (Task Order Project Officer) changed to : Mark Winter

Period of Performance: 09/26/2011 to 09/25/2012

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ross Miller	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 1/11/12

AMENDMENT OF SOLICITATION/MODIFICATION CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE SRRPOD	
SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)		9A. AMENDMENT OF SOLICITATION NO.	
ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY 7032693437 BURR RIDGE IL 605270849				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0028	
				10B. DATED (SEE ITEM 13) 09/26/2011	
CODE (b)(4)		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)

Region 2 ESAT TO 27 PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP) Field Support Services

TOPO: D Crumpler Max Expire Date: 09/25/2014

Reason for Modification : Other Administrative Action

The purpose of this modification is to increase the Task Order ceiling to \$57,194.83 indicating the final negotiated estimate for the order. All other terms and conditions remain the same.


LIST OF CHANGES:

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Ross Miller	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	12/22/11

CONTINUATION SHEET

REFERENCE NO. OF  ENT BEING CONTINUED
EP-W-07-083/0028/001PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	New Total Amount for the Award: \$57,194.83 CHANGES FOR DELIVERY LOCATION: OAR/OAQPS/AQAD Amount changed from \$33,214.75 to \$57,194.83 Period of Performance: 09/26/2011 to 09/25/2012				

ORDER SUPPLIES OR SERVICES

PAGE OF PAGES

1

16

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/26/2011		2. CONTRACT NO. (If any) EP-W-07-083		6. SHIP TO:	
3. ORDER NO. 0028		4. REQUISITION/REFERENCE NO. See Schedule		a. NAME OF CONSIGNEE Kim Brandon-Bazile	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460				b. STREET ADDRESS US EPA 2890 Woodbridge Ave MS 102	
7. TO: (b)(4)				c. CITY Edison	e. ZIP CODE 008373679
a. NAME OF CONTRACTOR ALION SCIENCE AND TECHNOLOGY CORPORATION				f. SHIP VIA	
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS 1000 BURR RIDGE PKWY (b)(4)				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY BURR RIDGE		e. STATE IL	f. ZIP CODE 605270849	Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE SRRPOD	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input checked="" type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED		
<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. EMERGING SMALL BUSINESS			
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination			16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: (b)(4) TOPO: D Crumpler Max Expire Date: 09/25/2014					
	Continued ...					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(i) TOTAL (Cont. pages)
21. MAIL INVOICE TO:						
a. NAME RTP Finance Center						\$33,214.75
b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$33,214.75
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711			17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)		23. NAME (Typed) Ross Miller TITLE: CONTRACTING/ORDERING OFFICER	
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ORDER ~~FORM~~ SUPPLIES OR SERVICES

PAGE NO

SCI ~~FILE~~ - CONTINUATION

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

09/26/2011

EP-W-07-083

0028

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0021	<p>Admin Office: SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460 Period of Performance: 09/26/2011 to 09/25/2012</p> <p>ESAT contract EPW07083 Alion Funding field and lab personnel of the ESAT contract to support Pb monitoring PTT: F53G2-07-04 STAG Pb PEP Monitoring Requisition No: PR-OAR-11-00795, PR-OAR-11-01009</p> <p>Amount: \$9,900.00 Accounting Info: 11-E1C-53GS-101A04E-4183-1153PM1091-00 1 BFY: 11 Fund: E1C Budget Org: 53GS Program (PRC): 101A04E Budget (BOC): 4183 DCN - Line ID: 1153PM1091-001 Funding Flag: Partial Funded: \$9,900.00</p> <p>Amount: \$23,314.75 Accounting Info: 11-E1-53GS-101A04EPM-4183-1153PM1069-0 01 BFY: 11 Fund: E1 Budget Org: 53GS Program (PRC): 101A04EPM Budget (BOC): 4183 DCN - Line ID: 1153PM1069-001 Funding Flag: Partial Funded: \$23,314.75 The Statement of Work is attached herein. The current ceiling is \$33,214.75 but is subject to change pending agreement of the total estimated cost.</p>				33,214.75	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$33,214.75

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 348 (Rev. 4/2006)

Prescribed by GSA FAR (48 CFR) 53.213(f)

Contract # EP-W-07-083
Statement of Work
Task Order #28
September 26, 2011 to September 25, 2012
PM2.5 and Pb (lead) FRM Performance Evaluation Program (PEP)
Field Support Services

PURPOSE:

The purpose of this Task Order (TO) is to:

- 1) Implement a Performance Evaluation Program (PEP) on established ambient air field samplers used to monitor Pb and particulates with an aerometric diameter of 2.5 microns or less (PM2.5).

The contractor shall perform and provide field support services to EPA Region 2 under the provisions of the ESAT contract Statement of Work (SOW) and other applicable support functions, including equipment maintenance and repair and health & safety and environmental compliance activities outlined in this SOW. The contractor shall perform site or project-specific work as described below or in Technical Direction (TD) at any time during the duration of this TO. Each assignment and cost shall be tracked separately, and the internal, administrative and management activities necessary to effectively perform the services required by this TO shall be included in these costs. The contractor shall break out from their monthly activity report the description of work accomplished under this TO and submit a copy of it to the Contracting officer (CO) and the Project Officer (PO).

STATEMENT OF WORK:

TASK 1: Task Order Management:

The contractor shall track the status of tasks and labor hours for each task under this TO and costs for the cost reimbursable portion only. The contractor shall provide the PO with weekly reports of the above-referenced data.

Contractor team management shall meet with the PO, TOPO, and other designated EPA representatives on a monthly basis or as needed, at agreed-upon times, to update EPA on the status of tasks and schedules for their completion and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO with a cover letter identifying each document submitted. The contractor shall also maintain a copy of each deliverable submitted under this TO.

The contractor shall review all deliverables prior to submission to EPA. The reviewer

shall not have been significantly involved in the direct preparation of the deliverable being reviewed. The reviewer shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of the deliverable.

The contractor shall immediately notify the PO and TOPO as soon as it appears that a schedule for the completion of any task may not be met. This notification shall be submitted via e-mail with justification and projected dates for approval by the PO, APO and/or CO. The contractor shall also notify the PO and TOPO immediately upon learning of anything that may affect performance under this TO.

The contractor shall implement its quality assurance program in accordance with its Quality Management Plan (QMP). The contractor shall follow the Quality Assurance Project Plan (QAPP) for the PM2.5 Performance Evaluation Program for this TO.

The contractor shall implement a health and safety program in accordance with its Health and Safety Plan and all applicable Federal, state, and local laws and regulations and EPA facility work rules. The contractor shall revise its Health and Safety plan as needed to assure that all requirements specified above are addressed.

Deliverables

The contractor shall submit to the PO and TOPO weekly reports of the status of tasks and reimbursable repair costs under this TO. The reports shall be submitted on Wednesday for the preceding weekly period.

The contractor shall submit to the PO and TOPO a Health and Safety Plan for this TO.

TASK 2: Field Implementation Support:

The contractor shall have their field scientist (FS) perform all field activities utilizing the field methods, as specified in the SOPs listed at the end of this task, under the heading, "Documentation." A brief description of the field activities is given below:

A. The contractor shall ensure that all personnel performing work under this task have received appropriate training and have been certified by EPA to perform field activities under this task. Details concerning training and certification are provided in Task 5 of this SOW.

B. The contractor shall receive sample filters from an EPA Regional laboratory and store them appropriately until use.

C. The contractor shall transport a portable PM2.5 Federal Reference Method

(FRM) performance evaluation sampling device to an established Pb or PM2.5 site, assemble the instrument, collocate the instrument with the permanent routine sampler, perform verifications (calibration, if necessary,) install a filter and set the instrument at the same 24-hour sampling mode (midnight to midnight) as the routine instrument. The operator shall photograph the portable sampler collocated with the permanent sampling device. If scheduling allows, the operator will leave this location to set up additional 24-hour performance evaluation sampling devices (midnight to midnight) at other routine sampling location. The contractor shall return to each site after the 24-hour sampling time, download the stored electronic monitoring data and record any additional required field information, remove and properly store the filter for transport, and disassemble the instrument. The contractor shall properly package the filter, the appropriate electronic data and hard copy forms for transport to the EPA Regional laboratory specified on chain-of-custody forms.

Field sites and tasks at those sites will be assigned to the contractor for field support by the means of Technical Direction (TD). All work shall be completed in accordance with this Statement of Work, the instructions in the TD and all referenced SOPs and guidance. No deviations from the Statement of Work SOPs, instructions, or other procedures specified in TD shall be made without prior receipt of alternate technical direction issued in accordance with the contract.

The contractor may be required to attend 6 meetings or conference calls with the TOPO and state personnel for planning and coordinating field activities.

The contractor shall perform field QA/QC related activities associated with this task, such as testing and calibration of samplers and ancillary equipment, calibrations, collocations, implementing field blanks, review of field data, entry of data into logbooks, preparation of chain-of-custody reports and deliverables.

For the Performance Evaluation Program (PEP), the above field activities will be performed in accordance to the TD for each quarter at air monitoring station listed in the **PEP** tables in this Statement of Work. In addition, the contractor shall conduct two collocation studies per year (approximately 6 months apart) of all of the samplers assigned to the contractor, NYSDEC, Region 2 EPA and any additional states. The collocation studies will be conducted in accordance with SOP requirements. The contractor will coordinate with the TOPO by email to ensure that the Region 2 monitor and New York State monitors are included in the collocation. The initial email will be at least 30 days before the date of the collocations. The contractor will coordinate with New York State personnel and the TOPO to ensure that NYSDEC monitors and any Region 2/state monitors are collocated with the contractor monitors. The Field Scientist (FS) will provide electrical cords, traffic cones, etc to ensure that all the monitors (contractors, NYSDEC and Region 2) can be safely collocated together. It is assumed that an overnight trip will be required for the Caribbean (PEP). A written request,

including estimated travel costs, must be submitted and approval given prior to any overnight travel.

The Contractor shall record, organize, label, and file records pertaining to the PM2.5 PEP. The Contractor shall also maintain documents and records pertinent to the PEP in accordance with the Standard Operating Procedure PEPF-11.01 and organize the files according to a scheme consistent with Table 11-1 of the Standard Operating Procedure. The contractor shall become fully knowledgeable of and follow the revised FRM PEP Field SOP that can be found at the EPA web site:

http://www.epa.gov/ttn/amtic/files/ambient/pm25/qa/PEP_Field_SOP.pdf
and any subsequent revisions.

Documentation

SOPs and Guidelines Available to the Contractor

For the performance of PM2.5 field support operations as defined in this Task, activities are to be accomplished using the basic methods as described in the following documents:

A. Standard Operating Procedure for the FRM Performance Evaluation Program Field (PEPF) Activities. This SOP contains procedures covering the following subject areas:

Subject

1. Overview of FRM Performance Evaluation Program
Field Activities

2. Planning and Preparing for Site Visits

Equipment Inventory and Storage
Communications

Site Visit Preparation

3. Cassette Receipt, Storage and Handling

4. Sampler Transport and Placement

5. Sampler Assembly and Maintenance

Sampler Assembly/Disassembly

Sampler Maintenance and Cleaning
Leak Check Procedures

Barometric Pressure Verification

Temperature Verification

Flow Rate Verification
Preparing to Sample

6. Filter Exposure and Concluding the Sampling Event

Conducting the Filter Exposure
Sample Recovery and Data Download
Filter Packing and Shipment
Sampler Disassembly
Sampler Maintenance and Cleaning

7. Chain of Custody and Field Data Sheet

Conducting the Filter Exposure
Filter Sample and Data Retrieval
Filter Packing and Shipment

8. Quality Assurance Quality Control

Field Data Verification/Validation

9. Information Retention

10. Multipoint Verifications and Calibrations

Barometric Pressure Multipoint Verification/Calibration
Temperature Multipoint Verification/Calibration

The standard operating procedures listed above are available through the Internet at the following address:

http://www.epa.gov/ttn/amtic/files/ambient/pm25/qa/PEP_Field_SOP.pdf

Please refer to the document: **Quality Assurance Guidance Document
Method Compendium**

Field Standard Operating Procedures for the Federal PM2.5 Performance Evaluation Program

These documents also include references. Any updates to the documents or the referenced documents will take precedent.

Deliverables

The contractor shall submit interim and/or final deliverables as specified below for each assigned project.

Filters and appropriate data, field forms, and chain of custody forms shall be completed in accordance with the instructions contained in the above-referenced SOPs and shipped via overnight delivery service to the EPA laboratory facility specified on chain-of-custody forms, or as specified in TD. A field package consisting of field sheets, field notes (copy), and chain-of-custody forms (copy) shall be delivered to the TOPO in a monthly report. The contractor shall submit the report by the 15th of the month following the month covered in the report. The contractor must sign and date all field sheets, field logbooks and chain-of-custody forms.

In the monthly report, the contractor shall identify any filters that the contractor was unable to retrieve within the allowed time specified in the SOP after the end of a run including the time elapsed between the end of the run and sample retrieval. The contractor shall also identify any filters that the contractor was unable to ship within the allowed time as specified in the SOP including the time elapsed between retrieval and shipment. The contractor shall also identify any overnight shipping services that the contractor used as an alternative to Federal Express. The contractor shall submit electronic sampling data to the TOPO quarterly.

On a weekly basis, every Wednesday, the contractor shall submit to the TOPO a field status report, indicating the work completed during the prior week. In addition, the report should note any problems found with implementation, equipment, or supplies during the week.

TASK 3: QA/QC Support and Other Related Activities:

The contractor shall perform the following QA/QC support and other related activities:

Filter Tracking- The contractor shall track filters received from and shipped to the analytical laboratory, in accordance with the SOPs.

SOPs- The contractor shall review all SOPs, guidance documents and protocols used by the contractor for the performance of work specified in Task 2 of this TO.

QAPP - The contractor shall review the Performance Evaluation Program QAPP used

by the contractor for the performance of work specified in Task 2 of this TO.

Field Data Verification – The contractor shall review and verify all field data that the laboratory returns to the Region 2 contractor in accordance with the QAPP and SOPs referenced above.

TASK 4: Maintenance and Repair of Equipment:

The contractor shall assure the availability of an appropriate vehicle to perform all required activities of this TO. The contractor shall maintain equipment, including the support vehicles, in road-ready condition to allow deployment for field projects on a continuous basis. Example activities include: routine maintenance and repairs to any leased vehicle. The contractor shall also maintain a monthly log of vehicle usage for leased vehicle(s) charged to this Task Order.

The Contractor shall inspect, service, test, and store instruments that are used in the PM2.5 PEP, consistent with the relevant sections of the Method Compendium "Field Standard Operating Procedures for the PM2.5 Performance Evaluation Program". The contractor shall use an appropriate system, such as a computerized data base, a written checklist, or a card tickler file, to manage preventive maintenance. Log books shall be used to document maintenance of each portable sampler. The contractor shall write the notes kept in these log books in black ink, writing clearly and with enough detail that other persons knowledgeable in the subject matter can interpret the actions described in the notes. Summaries of maintenance will be reported to the TOPO at least monthly.

The contractor shall coordinate with the laboratory which ships filters to Region 2 and communicate with the TOPO regarding filter needs and filter shipments. The contractor shall conduct these communications consistent with the standard operating procedures for the PM2.5 Performance Evaluation Program Field.

The Contractor shall receive, store, handle, and ship filters according to the appropriate sections of the Standard Operating Procedure for the FRM Performance Evaluation Program Field (PEPF) Activities. These procedures and the analytical routine at the weighing laboratories apportion Region 2 a fixed number of filters. Accordingly the contractor shall take into account the budget of filters in project planning. Whenever, due to unanticipated fluctuations in filter demand, the routine apportionment of filters will be inadequate to cover the demand, the contractor shall notify the laboratory of the specific number of extra filters needed so that a request for supplemental filters can be made. The contractor shall notify the laboratory of such supplemental needs for filters at least three weeks (or longer, if the laboratory protocol) in advance of the actual need. Projections of filter demand shall include all filters needed for the project, including those used in actual performance evaluations, field blanks, collocation tests, and an allowance for losses due to defects or damage. The additional allowance for losses

shall be at least ten percent of the filter demand imposed by standard operating procedure and the planned schedule of performance evaluations.

The contractor shall inspect, inventory, and store other supplies that are to be used in the PM2.5 Performance Evaluation Program, consistent with the standard operating procedures referenced above.

Deliverables

The contractor shall keep a repair and maintenance log for each portable sampler. The contractor shall write a summary of the previous month's preventative and remedial maintenance in the monthly activity report.

TASK 5: Training:

The contractor shall ensure that all employees performing work under this TO have been provided any and all health & safety training required by law or regulation, or EPA regional policy. EPA requires that all personnel performing field work under this TO receive certification of competency by attending specific training covering all aspects of the field work, including equipment operation and maintenance, and passing an examination. The contractor is required to send all field personnel assigned to PM2.5 PEP Field Support Services to a training session offered by EPA for compliance with this certification requirement.

Upon successful completion of the training program, personnel will be certified indefinitely to perform field work under this TO. No personnel may perform field work under this TO without prior certification by EPA.

The contractor may also be directed by TD to attend other training such as operation/maintenance training for specialty equipment and instruments, or other EPA specific training required to perform tasks under this TO. Initial Field Scientist PEP Certification training may involve overnight travel.

TASK 6: Monitoring Site Reconnaissance:

As part of the routine field activities associated with set-up of the portable PM2.5 FRM performance evaluation sampling device, the contractor shall make observations of the physical characteristics of the monitoring location and fill out a "Site Evaluation Form" at least once per year for every site visited. Additionally, on an annual basis, the contractor shall take a set of five photographs of each monitoring location visited. One photo shall show the physical location of the permanent sampling device in relation to its

surroundings. The remaining four photographs shall be views from the sampling device looking to the north, east, west, and south.

Deliverables

The Contractor shall submit tasks completed along with hours spent (including dates) to accomplish the tasks in the monthly reports. The report shall also include all costs for purchasing, equipment maintenance and travel.

A set of three prints or digital photographs taken should be submitted to the TOPO within 45 days of the performance evaluation. Each photograph or digital shot must be clearly identified with the date and time the photo was taken, the monitoring location depicted in the photo; and the view represented in the photo. The contractor should carefully store all photographic negatives, or digital copies so additional prints may be supplied if requested by EPA.

SITES

New Jersey

The list below is the New Jersey universe of PM_{2.5} sites. Two valid audits will be conducted each quarter unless directed by TD to perform a different number. Sites will continue to be audited until 2 valid audits have been completed for the quarter or unless directed to stop by the TOPO or PO. The TOPO and PO will be notified of all failed field audits or audits that will require a repeat, prior to the repeated audit being conducted. For a quarter, any two sites can be selected by the field scientist from the universe of New Jersey sites. The TOPO and Project Officer will be notified by email within two weeks of receipt of the New Jersey TD indicating which 2 New Jersey sites have been selected for auditing during the quarter. The TOPO shall approve the selection, recommend alternative sites or request that alternate sites be selected.

No site may be audited twice, unless directed to by the TOPO, or until every active site on the universe of sites list has been completed. Once all active sites have been completed, the list starts over again with the Field Scientist being free to select any sites on the list.

Sites that have been passed over because they could not have been audited will be visited if they become able to be audited. The TOPO at any time through TD can direct that specific sites be audited.

Every quarter the Field Scientist shall submit to the TOPO and Project Office a status of the universe of sites list that includes the following information:

1. All sites previously audited by the contractor, including date of audit
2. All sites that have not been audited

3. All sites that have been inactive, out of service, or have been converted to continuous monitors.
4. Any change in the status of sites noted in item 3 above.

Performance Evaluation Program (PM2.5) - Universe of Sites – 2007 New Jersey					
Station Type	Air Monitoring Station	AIRS #	ADDRESS	SAMPLER TYPE	SAMPLING FREQUENCY
SLAMS	Atlantic City 3	34-001-1006	1535 Bacharach Blvd (Atlantic-Cape May Comm College	BGI	1:3
SLAMS	Camden Lab	34-007-0003	1667 Davis St. (Copewood & Davis St.), ViroMed Biosafety Facility	BGI	1:3
SLAMS	Chester	34-027-3001	Bldg # 1, Lucent Tech., Route 513	BGI	1:3
SLAMS	Elizabeth Lab	34-039-0004	Interchange 13, NJTP		
SLAMS	Elizabeth (Mitch)	34-039-0006	Mitchell Bldg., 500 N. Broad St.	BGI	1:3
SLAMS	Fort Lee Library	34-003-0003	Fort Lee Library, 320 Main St. (entrance at Hoym St.)	BGI	1:3
SLAMS	Jersey City Firehouse	34-017-1003	Consolidated Fire House, 355 Newark Ave.	BGI	1:3
SLAMS	Morristown Amb	34-027-0004	Ambulance Squad, 16 Early St.	BGI	1:3
SLAMS	New Brunswick	34-023-0006	Cook College, Rutgers Gardens, Log Cabin Rd.	BGI	1:3
SLAMS	Newark Willis Center	34-013-0015	Mary Willis Cultural Center, 447 18th Ave.	BGI	1:3
SLAMS	Patterson	34-031-0005	Health Department, 176 Broadway Ave.	BGI	1:3
SLAMS	Pennsauken	34-007-1007	Morris Delair WTP, 9800 Zimmerman Ave., near Griffith-Morgan Lane		
SLAMS	Phillipsburg	34-041-0006	Municipal Bldg., 675 Corliss Ave.	BGI	1:3
SLAMS	Rahway	34-039-2003	Fire Dept. Bldg., 1300 Main St.	BGI	1:3
SLAMS	Toms River	34-029-2002	1517 Hooper Avenue, Elementary School	BGI	1:3

SLAMS	Trenton	34-021-0008	Trenton Library, 120 Academy St.	BGI	1:3
SLAMS	Union City	340172002	Health Department, 714 31st St.	BGI	1:3
SLAMS	Washington Cross.	340218001	Washington Crossing State Park, entrance across the street from 66 Church Rd.	BGI	1:3

Caribbean shall refer to both Puerto Rico and the U. S. Virgin Islands.

Puerto Rico

The list below is the Puerto Rico universe of PM_{2.5} sites. It is anticipated that two (2) trips will be made per year to Puerto Rico, and four (4) valid audits will be conducted in Puerto Rico during each quarter a trip is made unless directed by TD to perform a different number of audits. For each trip, any 4 sites can be selected by the field scientist from the universe of Puerto Rico sites below. The TOPO and PO will be notified of all failed field audits or audits that will require a repeat, prior to the repeated audit being conducted. Every quarter the Field Scientist shall submit to the TOPO and Project Office a status of the list that includes the following information:

5. All sites previously audited by the contractor, including date of audit
6. All sites that have not been audited
7. Any changes to the universe of sites, including, all sites that have been inactive, converted to continuous monitors or out of service.

No site may be audited twice, unless directed to by the TOPO, until every active site on the universe of sites list has been completed. Once all active sites have been completed, the list starts over again with the Field Scientist being free to select any sites on the list.

Sites that have been passed over because they could not have been audited will be visited if they become able to be audited. The TOPO at any time through TD can direct that specific sites be audited during a trip. The TOPO and Project Officer will be notified by email within 2 weeks of receipt of a Puerto Rico TD which sites the Field Scientist plans on auditing. The TOPO shall approve the selection, recommend alternative sites or request that alternate sites be selected.

Puerto Rico Environmental Quality Board (PREQB) PM_{2.5} Monitoring Network Description

AIRS ID EQB ID	Sampling frequenc	Type of Monitor*	Designat ion	MPA	Location	Standard
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	y					
72-061-0005	Daily	Sequential	FRM	San Juan	Guaynabo	
72-127-0003	Daily	Sequential	FRM	San Juan	Santurce	Annual and 24-hour
72-025-0003	Continuous	Continuous	FEM	Caguas	Caguas	24-hours
72-113-0004	1 in 3	Sequential	FRM	Ponce	Ponce	Annual and 24-hour
72-059-0016	1 in 3	Sequential	FRM	Ponce	Guayanilla	Annual and 24-hour
72-097-0002	1 in 3	Sequential	FRM	Mayaguez	Mayaguez	Annual and 24-hours
72-081-0001	1 in 3	Sequential	FRM	Lares	Lares	Annual and 24-hours
72-053-0003	Daily	Sequential	FRM	Fajardo	Fajardo	Annual and 24-hours
72-057-0008	1 in 3	Sequential	FRM	Guayama	Guayama	Annual and 24-hours
72-069-0001	1 in 3	Sequential	FRM	Humacao	Humacao	Annual and 24-hous
72-017-0003	Continuous	Continuous	FEM	Arecibo	Barceloneta	Annual and 24-hours
72-021-0009	1 in 3	Sequential	FRM	San Juan	Bayamón	Annual and 24-hours
72-061-0001	1 in 3	Speciation	FRM	San Juan	Guaynabo	Annual and 24-hours
QA Samplers						Annual and 24-hours
72-061-0013	1 in 6	Sequential	FRM	San Juan	Guaynabo	
72-127-0003	1 in 6	Sequential	FRM	San Juan	Santurce	Annual and 24-hours

Highlighted samplers are temporarily out of service due to equipment malfunction. All of them need a new CPU board. *Continuous monitors (i.e. TEOMs) are not collocated.

Virgin Islands

Performance Evaluation Program (PM_{2.5}) - Virgin Islands

Station Type	Air Monitoring Station	AIRS ID	SAMPLER TYPE	SAMPLING FREQUENCY
SLAMS	St. Croix	78-010-0012	BGI	1:6

It is anticipated that two (2) trips will be made per year to The Virgin Islands. Only one site currently exists in the US Virgin Islands, on St. Croix. Since five (5) audits are required for the year, the field Scientist will audit the St. Croix site 3 consecutive times during one trip and 2 consecutive times the other trip for a total of 5 audits for the year.

The TOPO and PO will be notified of all failed field audits or audits that will require a repeat, prior to the repeated audit being conducted. The TOPO will direct through a TD the number of times that the St. Croix site will be audited during a trip. TD may also require that the total number of PEP audits be less than 5 per year on St. Croix.

For all States, Commonwealths or Territories:

Since it is possible that a small number of sites on the above lists of state/commonwealth or territories in Region 2 may change (shut down temporarily, permanently or changed to a new site) the above lists may be updated, but it is not anticipated that the site changes (deletions/additions) will impact the required workload.

Caribbean Run Days

Run Days are days when the monitors are collecting sample and no field work is required or times when the monitor setup or take down has been completed early and the field Scientist has returned to the hotel within normal working hours. The monitor run days will be used to write reports, inquire locally about changes in the universe of PM2.5 sites, plan (on paper) future trips, review SOPs or other PEP work.

Pb: Lead collocations will be made at the one New York site and one Caribbean site as directed in the TD. Collocations will be either once or twice per year depending if a collocation was conducted at the site the previous year. A vehicle may be rented to conduct collocations in New York State as well as the Caribbean. Unless directed in the TD, all collocations for Pb will be completed using both ESAT Pb samplers (collocation) at the same site. The Field Scientist must follow all the Pb sampling, shipping, QA and maintenance protocols as provided in the Pb sampling QAPP, SOPs and any training. Please refer to http://www.epa.gov/ttn/amtic/files/ambient/pb/Pb-PEPImplementationPlan_7_09.pdf for the Pb implementation plan and any SOPs and QAPPs that were distributed during training/emails/

Government Quality Assurance Surveillance Plan (QASP)

Task Area	Performance Requirement	Performance Standard(s)	Acceptable Quality Level	Method of Surveillance
Site Audits	Samples shall be collected in accordance with TD		During the performance period, all audits required by TD must be completed.	The TOPO will review weekly and/or monthly reports to determine that the required number of stations has been visited.
		Samples are collected in accordance with the SOPS	At least 75% of the listed stations have valid runs each quarter.	The TOPO will review the monthly reports to determine that there are valid runs at 75% of the stations.
	Documentation of visit is complete in accordance with the SOP	Complete entries in all required fields of field data sheets and chain-of custody forms	Over the evaluation period, no more than 10 entries on the forms are incomplete or illegible (i.e. approximately 90% of forms are completed properly.	Verify completeness of required forms against SOPs. Ensure that all areas to be addressed according to the SOP are addressed.
	Accuracy	Appropriate entries; correction noted	At least 90% of erroneous entries are properly deleted and changes are comprehensible	Examine chain-of-custody forms and field data sheets included in monthly reports.
Sample Collection	Retrieve filters	Timeliness - within 8 to 48 hours of completion of the run	At least 75% of the filters are retrieved within 48 hours; elapsed time is documented in remainder of cases	Review monthly and weekly reports; with additional oversight through at least two technical system audits by EPA during the performance period.